

U.S. DEPARTMENT OF AGRICULTURE
FOOD SAFETY AND INSPECTION SERVICE
INTERNATIONAL PROGRAMS

FOREIGN COUNTRY LABORATORY REVIEW

REVIEW DATE

05/17/2000

NAME OF FOREIGN LABORATORY

Kimron Veterinary Institute
National Residue Control Laboratory

FOREIGN GOV'T AGENCY
Veterinary Services & Animal Health
Ministry of Agri. & Rural Development

CITY & COUNTRY
Beit Dagan, ISRAEL

ADDRESS OF LABORATORY
P/O BOX 50250

NAME OF REVIEWER
Faizur R. Choudry, DVM

NAME OF FOREIGN OFFICIAL
Stefan Soback, DVM. ph.D, Head, National Residue Control Laboratory

Residue Code/Name			100	300	400	500	200	203	800	S/V				
SAMPLING PROCEDURES	REVIEW ITEMS	ITEM #												
	Sample Handling	01	A	A	A	A	A	A	A	A				
	Sampling Frequency	02	A	A	A	A	A	A	A	A				
	Timely Analyses	03	A	A	A	A	A	A	A	A				
	Compositing Procedure	04	O	O	O	O	O	O	O	O				
	Interpret Comp Data	05	O	O	O	O	O	O	O	O				
	Data Reporting	06	A	A	A	A	A	A	A	A				
ANALYTICAL PROCEDURES	Acceptable Method	07	A	A	A	A	A	A	A	A				
	Correct Tissue(s)	08	A	A	A	A	A	A	A	A				
	Equipment Operation	09	C	C	C	C	C	C	A	A				
	Instrument Printouts	10	A	A	A	A	O	O	O	O				
QUALITY ASSURANCE PROCEDURES	Minimum Detection Levels	11	A	A	A	A	O	O	O	O				
	Recovery Frequency	12	A	A	A	A	O	O	O	O				
	Percent Recovery	13	A	A	A	A	O	O	O	O				
	Check Sample Frequency	14	A	A	A	A	A	A	A	A				
	All analyst w/Check Samples	15	C	C	C	C	C	C	C	C				
	Corrective Actions	16	C	A	A	A	A	A	A	A				
	International Check Samples	17	A	A	A	A	A	A	A	A				
REVIEW PROCEDURES	Corrected Prior Deficiencies	18	A	C	C	C	A	C	C	A				
OTHER REVIEW		19												
		20												

SIGNATURE OF REVIEWER

DATE

FOREIGN COUNTRY LABORATORY REVIEW <i>(Comment Sheet)</i>		REVIEW DATE 05/17/2000	NAME OF FOREIGN LABORATORY Kimron Veterinary Institute National Residue Control Laboratory
FOREIGN GOV'T AGENCY Veterinary Services & Animal Health Ministry of Agri. & Rural Development		CITY & COUNTRY Beit Dagan, ISRAEL	ADDRESS OF LABORATORY P/O BOX 50250
NAME OF REVIEWER Faizur R. Choudry, DVM		NAME OF FOREIGN OFFICIAL Stefan Soback, DVM. ph.D, Head, National Residue Control Laboratory	

RESIDUE CODES	ITEM NO.	COMMENTS
100,300, 400,500, 200,203, 800	9	<p>The following information for chlorinated hydrocarbons (CHC), organophosphates (OP), hormones, trace elements (TE), antibiotics, chloramphenicol, and sulfonamides was not recorded in the official books for Laboratory Quality Assurance Program.</p> <ol style="list-style-type: none"> 1. Lot numbers, expiration dates, and where the standard solutions/reagents/media ingredients were purchased, were not recorded in the standards books. 2. The record books were not signed and verified by the supervisors each time before the newly prepared solutions were used by the technicians or chemists. 3. No record was maintained for the corrective actions taken when unacceptable check sample results were received.
100,300, 400,500, 200,203, 800	14	The check sample program was not adequately maintained: no intralaboratory check samples for chlorinated hydrocarbons and organophosphates were carried out in March or April 2000, and no check samples at all were being done for hormones, trace elements, chloramphenicol, sulfonamides, or antibiotics as required.
111	1 to 17	Polychlorinated biphenyls (PCB's) were not being analyzed as required.
300,400, 500,203, 800	18	Intralaboratory check samples program was not carried out for organophosphates, trace elements, hormones, chloramphenicol, and sulfonamides during the last audit. GOI inspection officials indicated that intralaboratory check samples program will be implemented immediately but no corrections have been made except partially organophosphates check samples were carried out for January, February and May 2000.



United States
Department of
Agriculture

Food Safety
And Inspection
Service

Technical
Service
Center

Suite 300, Landmark Center
1299 Farnam Street
Omaha, NE 68102

Questions for Auditing Laboratories

General

Name & location of lab: ***Institute for Food Microbiology and Consumer Goods
Tirat Carmel 39100, ISRAEL 5/15/2000***

Private or gov't lab? ***Private***

How & when was accreditation obtained? ***By the Ministry of Health/ 5-17-1984***

How & how often is accreditation maintained? ***Announced/sometime
unannounced visits and twice a
year.***

When and how is payment for analysis provided? ***Monthly by the establishment***

Are results released before payment is received? ***yes***

What are the qualifications of the analyst(s) performing the individual tasks within a method? ***Total 7 analysts; 3 M.Sc & 3 B.Sc Microbiology and 1 Engineer.***

What are the qualifications of the direct supervisor of the analyst(s)? ***Dr. Irit Weiser,
General Manager; Phd, in Food Microbiology,***

Methodology for HACCP Salmonella samples (regulatory labs)

Does this lab analyze HACCP Salmonella samples? ***yes***

How are HACCP Salmonella samples received & recorded? ***Collected from each
establishments by the laboratory personnal and recorded on laboratory log
book.***

Are HACCP Salmonella samples analyzed on the day of receipt? ***Analyzed on the
same day.***

What method(s) is used for HACCP Salmonella samples? ***USDA-FSIS-
microbiology laboratory guide book. 3rd Edition-Chapter 4, 1998.***

Is it a qualitative method (i.e. +/- result)? ***yes***

Are HACCP ground beef samples analyzed for Salmonella? ***Yes
(two establishments programmed one sample a month)***

What is the size of the ground beef test portion? ***1 kilos***

What buffer (and what volume) is used for: ***Phosphate buffer: 25 grams meat
and 225 ml buffer***

Sponge samples for *Salmonella*?

Poultry rinsates for *Salmonella*? **400ml**

Salmonella ground beef sample homogenates? **Yes with stomach machine**

What is the formulation of the Buffered Peptone Water you use? **Peptone 10.0g; sodium chloride 5.0g; disodium phosphate 3.5g; monopotassium phosphate 1.5g and distilled water 1 liter**

What analytical controls are used for *Salmonella* analyses(i.e. control cultures, etc.)?
***Salmonella typharium* 80 cc (14028)**

Are they employed for each sample set? **yes**

How are HACCP *Salmonella* results expressed? **(i.e. +/-results)**

How are HACCP *Salmonella* results recorded:

Data sheets/work sheets? **Data sheets**

and/or Log books? **Log books**

How and to whom are HACCP *Salmonella* results reported? **In writing to GOI inspection officials**

Are "check" samples periodically used to test the proficiency of the lab and analysts for *Salmonella* testing?

1. For individual analysts or for the lab as a whole? **Individual analyst intralaboratory & interlaboratory by the proficiency testing group in England (FEPAS)**
2. What species/strains are used? ***Salmonella typhorium***
3. How many samples are analyzed and how often? **Three times a year (between 3-4 samples at a time)**
4. Are both inoculated and uninoculated samples provided to analysts for the proficiency testing? **Inoculated**
5. How many colony-forming units (cfu) per gram are inoculated into the proficiency samples provided to analysts? **30 to 300 p/ml**

Methodology for HACCP generic *E. coli* samples (in-plant or other private labs)

Does this lab analyze HACCP generic *E. coli* samples? **Yes-biotype**

How are HACCP *E. coli* samples received & recorded? **Collected from the establishment and recorded on the log book.**

Are HACCP *E. coli* samples analyzed on the day of receipt? **Yes on the same day**

What method is used for HACCP generic *E. coli* samples? **USDA-FSIS Guideline *E.coli*.testing program Control Verification in poultry slaughter establishments July 1997 (3-tube MPN AOAC 17.2.02 & *E.coli* 17.2.02)**

Is it a quantitative method? **yes**

What buffer (and what volume) is used for: **Phosphate buffer 10 ml**

E. coli sponge samples?

Poultry rinsates for generic *E. coli*? **Poultry rinsates**

What analytical controls are used? ***E.coli*.**

Are they employed for each sample set? **yes**

How are HACCP *E. coli* results calculated and/or expressed? **MPN Tube Index**

How are *E. coli* results recorded:

Data sheets/work sheets? **Data sheets & log books**

Log books?

How and to whom are HACCP *E. coli* results reported? **In writing to Veterinarian in charge**

Are "check" samples periodically used to test the proficiency of the lab and analysts for generic *E. coli* testing? **Intalaboratory check samples 3 times a year (between 3-4 samples at a time)**

6. For individual analysts or for the lab as a whole? **Individual analysts**

7. What species/strains are used? ***E.coli* strains 80 cc**

8. How many samples are analyzed and how often? **Intalaboratory check samples 3 times a year (between 3-4 samples at a time)**

9. Are both inoculated and uninoculated samples provided to analysts for the proficiency testing? **Inoculated**

10. How many colony-forming units (cfu) per gram are inoculated into the proficiency samples provided to analysts? **(10)2 & 910)4**

NOTE: IF YOU HAVE ANY QUESTIONS REGARDING THIS, FEEL FREE TO CALL EITHER VICTOR COOK OR BONNIE ROSE AT 202-501-6022.